

LOS OSOS WASTEWATER PROJECT TECHNICAL ADVISORY COMMITTEE

San Luis Obispo County Department of Public Works



Meeting Minutes

Tuesday, May 15, 2007

- 1) Call to Order/Roll Call: Approximately 7:05 pm, Chairman Garfinkel calls the meeting to order. Absent: Marshall Ochylski and George Call.
- 2) Agenda Item 1, Chairperson comments on meeting organization, release of Draft Fine Screening Report by County Project Team, and vacancy on advisory committee in environmental working group; county to begin application process for vacancy. Discusses upcoming pro/con analysis and weekly public meetings in Los Osos, beginning June 11. Notes comments and questions can be submitted to project website.
- 3) Agenda Item 2, Criteria for Pro/Con Analysis: Discussion of using core values statement from Financial working group as values for advisory committee. Discussion of format and ranking of criteria in narrative or list format, consideration of deciding format in future meetings. Discussion of overlap of criteria between working groups, including costs and energy. Discussion of revenue potential as a criteria, suggestion to add item to Financial working group criteria. Discussion of presenting monthly cost impacts of project.

Public comment on Agenda Item 2:

Dave Duggan: Discusses criteria for pro/con analysis, regional wastewater options, and wastewater disposal for groundwater recharge.

Don Bearden: Discusses criteria for pro/con analysis, potential legal costs, and property and right of way requirements for STEP tank installations.

Scott Kimura: Discusses noise and odor impacts on residents east of town, potential lawsuits, Measure B, and petition in opposition to moving sewer treatment plant.

Lacey Cooper: Discusses cost of imported water, odor control costs, and definition of life cycle costs and design life. Discusses funding requirements of SRF loans.

Linde Owen: Discusses cost of collection system, treatment plant siting, and solids handling. Discusses project funding and water reuse.

Pat Renshaw: Discusses on-site treatment systems.

Project website: www.slocounty.ca.gov/PW/LOWWP

Project email address: LOWWP@co.slo.ca.us

Alon Perlman: Discusses advisory committee efforts and core values.

Dorothy Hammond: Discusses community goals, project affordability, and energy criteria.

Lawson Schaller: Discusses core values, flexibility of criteria for pro/con analysis, and global impacts of project.

Gail McPherson: Discusses definition of core values, technical aspects of project, and effluent reuse in groundwater basin.

Steve Paige: Discusses energy use, potential future energy cost impacts, and potential sea level rise.

Richard Margetson: Discusses core values, affordability, and system failure risks.

Keith Swanson: Discusses advisory committee evaluation of Rough Screening Report, Proposition 218 process, Measure B, and groundwater basin adjudication.

Noah Smuckler: Chairperson representing San Luis Bay Chapter of Surfrider Foundation. Discusses research on other agency wastewater treatment plants, "leadership projects," pond treatment, graywater and rainwater capture.

Advisory committee response to public comment: Discussion of using preamble and core values from Finance working group for entire advisory committee. Discussion of significance of pollution problem. **Rob Shipe motions to accept preamble and core value, as written by Finance working group, for entire advisory committee. Rob Miller seconds. Motion carries.**

Discussion of criteria for pro/con analysis. Discussion of litigation potential and permissibility as criteria. Discussion of potential for revenue generation as a criteria. **Karen Venditti motions to accept criteria for each working group with addition of "potential for revenue generation" to Finance working group criteria. Rob Shipe seconds. Motion carries.**

- 4) Agenda Item 3, Presentation by County Project Team of Draft Fine Screening Analysis: Paavo Ogren discusses timing for release of document and public review process. John Waddell provides presentation of summary of Draft Fine Screening Analysis (attached).

Advisory committee discussion of community advisory survey and project options expected in Fine Screening Report.

Public comment on Agenda Item 3:

Dave Duggan: Discusses NEPA environmental analysis, wetlands, and regional wastewater options.

Lacey Cooper: Discusses number of projects expected in report, community input, and Level 1, 2, and 3 water supply benefits.

Linde Owen: Discusses presentation and meeting process. Discusses collection system options.

Michael Jones: Discusses Tri-W project history and out of town treatment plant site locations. Discusses recent elections and Proposition 218 process.

Alon Perlman: Discusses drought and global warming impacts. Discusses Morro Bay/Cayucos wastewater project.

Al Barrow: Discusses collection system costs, potential for sewage spills, Charlotte County, Florida project with STEP collection, and Proposition 218 process.

John Michener: Discusses treatment plant sites east of town, impacts on residents, and public information for residents outside of town.

Jan Hagaman: Discusses voting process for residents out of town and impacts on residents.

Bruce Payne: Discusses recharge to aquifer, Broderson disposal site, and solids reduction in septic tanks.

Mary Fullwood: Discusses Measure B and respect at public meetings.

Chris Allebe: Discusses future impacts of project and alternative solutions.

Judy Vick: Discusses community survey process, final project selection by County Board of Supervisors, and respect at public meetings.

Joyce Albright: Discusses Proposition 218 process, final project selection by County Board of Supervisors, and past project costs.

Chuck Cesena: Discusses advisory committee meeting process, biosolids processing as a potential resource, and Carollo involvement in Petaluma wastewater project.

Keith Wimer: Discusses project cost estimates and public review of background data.

Leonard Ambruso: Discusses project cost estimates, Tri-W project, water reuse, and final project selection by County Board of Supervisors.

Lisa Schicker: Discusses growth management and groundwater basin adjudication. Discusses assessment engineering, advisory survey process, life cycle cost analysis, and environmental review process.

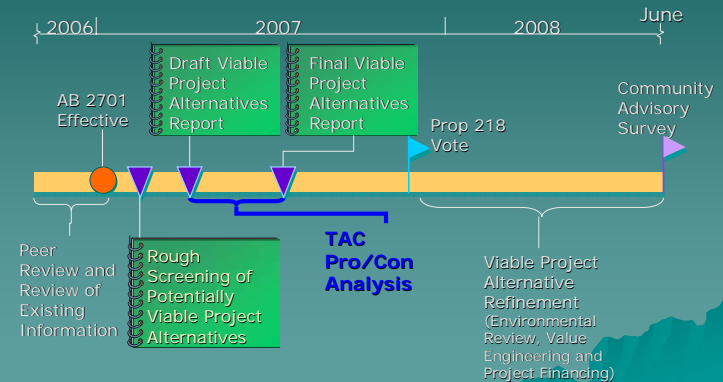
Advisory committee response to public comment: Advisory committee and staff answers questions during public comment period regarding Level 1, 2, and 3 water supply benefits, community advisory survey, advisory committee meeting process and upcoming meetings.

5) Meeting adjourns at approximately 9:47 pm.

DRAFT FINE SCREENING ANALYSIS

REVIEW OF UPCOMING
DRAFT REPORT

Viable Project Alternatives (Community Wastewater Options)



Project Objectives

- ◆ Provide Community Options For a Wastewater Project
- ◆ One of Many Efforts in County Process
- ◆ Receive Community Input on Project Selection Through Advisory Survey

Report Overview

- ◆ Chapter 1—Introduction
- ◆ Chapter 2—Effluent Reuse/Disposal
- ◆ Chapter 3—Collection System
- ◆ Chapter 4—Treatment Technologies

Report Overview

- ◆ Chapter 5—Solids Treatment And Disposal
- ◆ Chapter 6—Treatment Facility Sites
- ◆ Chapter 7—Summary of Viable Project Alternatives (Community Options)

Chapter 2—Effluent Disposal/Reuse

- ◆ Included in Report
 - Several Effluent Disposal Options Which Illustrate Multiple Water Resources Benefit Options
 - ◆ Conservation Through Retrofit of Indoor Fixtures is Assumed For All Viable Projects
 - ◆ Sprayfield Disposal
 - ◆ Broderson Leachfields/Percolation
 - With or Without Harvest Wells
 - ◆ Urban Reuse (Large Parcels)
 - ◆ Agricultural Reuse
 - ◆ Agricultural Exchange
 - ◆ Wet Weather Storage

Report Highlights

- ◆ What is Included
- ◆ What is Not Included
- ◆ Timing

Defining Water Resources Benefits

- ◆ Level "0" Disposal Option
- ◆ No Mitigation of Sea Water Intrusion (0 AFY)
- ◆ Not a Feasible Option, But a Baseline
- ◆ Requires Water Purveyor Participation? No.

Defining Water Resources Benefits

- ◆ Level "1" Disposal Option
- ◆ Mitigation of Sea Water Intrusion Similar to Current Conditions (90-140 AFY)
- ◆ Requires Water Purveyor Participation? No.

Defining Water Resources Benefits

- ◆ Level "3" Disposal Option
- ◆ Mitigation of Sea Water Intrusion for a Balanced Basin at Existing Population (590-620 AFY)
- ◆ Requires Water Purveyor Participation? Yes.

Defining Water Resources Benefits

- ◆ Level "2" Disposal Option
- ◆ Maximum Mitigation of Sea Water Intrusion for Wastewater Project, Without Water Purveyor Participation (190-240 AFY)
- ◆ Requires Water Purveyor Participation? No.

Defining Water Resources Benefits

- ◆ Level "4" Disposal Option
- ◆ Mitigation of Sea Water Intrusion for a Balanced Basin at Buildout (780-830 AFY)
- ◆ Requires Water Purveyor Participation? Yes.

Chapter 3—Collection System

- ◆ Included in Report
 - STEP/STEG Evaluation
 - Gravity Evaluation
 - Cost Estimates Include
 - ◆ On-lot Costs
 - ◆ Road Restoration
 - ◆ Operation And Maintenance
 - ◆ Effects on Other Project Components

Chapter 5—Solids Treatment And Disposal

- ◆ Included in Report
 - Recognize Cost Benefits of Reduced Solids From STEP/STEG System
 - ◆ Consistent With NWRI Peer Review and Panel Recommendations
 - Information on Relevant Issues
 - ◆ Reliance on 3rd Parties
 - ◆ Hauling Costs
 - ◆ Regulatory Changes
 - ◆ Composting
 - ◆ Sustainability

Chapter 4—Treatment Technologies

- ◆ Included in Report
 - Options For STEP/STEG Influent
 - Options For Gravity Influent
 - Selected Effluent Reuse/Disposal Options May Drive Treatment Technology Options

Chapter 6—Treatment Facility Sites

- ◆ Included in Report
 - Out of Town Options
 - ◆ East of Los Osos Creek
 - ◆ North or South of LOVR

Chapter 7—Summary

- ◆ Included in Report
 - Total Costs of Project Options
 - ◆ Capital
 - ◆ Operations & Maintenance
 - ◆ Replacement

Shaping Community Options

- ◆ The “Basic” Options (Without Water Purveyor Participation) for a Wastewater Project are Driven by Water Resources Benefits
 - Level “1”
 - Level “2”
 - Level “3” (Some Aspects)

Shaping Community Options

- ◆ Many Options/Configurations are Identified
- ◆ But, Community Input on “Draft Fine Screening Report” is Needed to Develop Detailed Options

Shaping Community Options

- ◆ Relationship of Water Resources Benefits
 - Water Resource Benefits Desired by the Community Will Drive Some Detailed Component Decisions
 - ◆ Disposal/Reuse
 - ◆ Treatment Technologies

Shaping Community Options

- ◆ Relationship of Water Resources Benefits
 - Water Resources Benefits are Independent of Some Detailed Component Decisions
 - ◆ Site Selection
 - ◆ Collection System
 - ◆ Solids Handling

Shaping Community Options

- ◆ Two Step Decision Process
 - 1) Select “Basic” Option (Level 1, 2, or 3 Disposal Option)
 - 2) Select Detailed Component Options

Shaping Community Options

- ◆ Project Costs are Always a Key Decision Factor
- ◆ Estimated Construction Cost Range (Not Total Project Costs)

\$90 - \$132 Million
- ◆ Estimated Tri-W Project Construction Cost (Not Total Project Costs)

\$144 Million

Future Tasks

- ◆ Not Included In Report (Next Steps)
 - Debt Estimates
 - 30 Year Cost Projections
 - Household Impacts
 - Assessment Engineering

Summary of Overall Project Efforts

- ◆ Developing Community Options → County Staff and Consultants
- ◆ Pro/Con Analysis of Community Options → TAC
- ◆ Assessment Engineering → County Staff, Consultants, and Legal Counsel
- ◆ Adopting Assessments → County Board of Supervisors
- ◆ Proposition 218 Vote → Property Owners

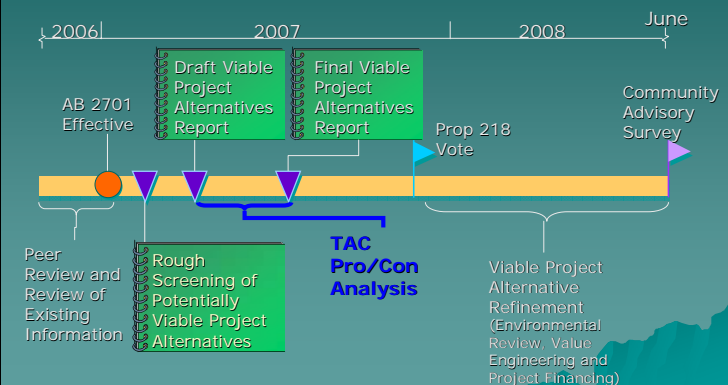
Summary of Overall Project Efforts

- ◆ Project Financing → County Staff, Consultants, Legal Counsel, "Private/Bond Markets," and Other Agencies
- ◆ Project Design → County Staff and Consulting Engineers
- ◆ Permits from State & Federal Agencies → County Staff and Consultants
- ◆ Project Construction → Private Industry Contractors
- ◆ Project Operations → County or Private Operators

Summary of Overall Project Efforts

- ◆ Community Survey on Preferred Project Options → Property Owners, Residents, Business Owners
- ◆ "Due Diligence" per AB 2701 → County Staff, Legal Counsel and Board of Supervisors
- ◆ CEQA and Regulatory Compliance → County Staff, Consultants, & Board of Supervisors
- ◆ Final Project Selection → County Board of Supervisors

Viable Project Alternatives (Community Wastewater Options)



Draft Fine Screening Report

- ◆ Expected Release in 1 to 2 weeks
- ◆ Town Hall Meeting for Detailed Review of Report with Project Team
 - Q & A on Report Findings
 - First Part of June, Time TBD